



#### DEFAULT CACHE SETTINGS

- › Default Timeout = 45
- › Last Access Timeout = 20
- › Reap Frequency = 3 min
- › Max Objects = 100
- › JVM Threshold = 10% Free
- › Eviction Policy = LFU
- › useLastAccess = True

#### FRAMEWORK DEFAULTS

- › LogFileEncoding = ISO-8859-1
- › LogFileMaxSize = 5000kb
- › LogsMaxArchives = 5
- › DefaultFileCharSet = ISO-8859-1
- › DefaultLogDirectory = logs
- › Default Event Name = event
- › MessageboxStorage = session

#### CORE PLUGINS

- › applicationstorage
- › beanFactory
- › cfcViewer
- › clientstorage
- › cookiestorage
- › i18n
- › ioc
- › JavaLoader
- › logger
- › messagebox
- › MTlogger
- › queryHelper
- › renderer
- › resourceBundle
- › sessionstorage
- › StringBuffer
- › timer
- › Utilities
- › webservices
- › XMLParser
- › zip

#### PLUGINS-INTERCEPTORS-HANDLER METHODS

- › getHash()
- › getDataSource(alias)
- › getfwLocale()
- › getMailSettings()
- › getResource(resource)
- › getSettingsBean()
- › announceInterception(state, interceptData)
- › renderView([view])
- › renderExternalView(view)
- › purgeView(view)
- › getMyPlugin(plugin, [newInstance])
- › getPlugin(plugin, [customPlugin], [newInstance])
- › getColdBoxOCM()
- › getSettingStructure([fwSetting], [DeepCopyFlag])
- › getSetting(name, [fwSetting])
- › settingExists(name, [fwSetting])
- › setSetting(name, value)
- › setNextEvent(event, [queryString], [addToken], [persist])
- › setNextRoute(route, [persist])
- › runEvent(event)
- › getDebugMode()
- › setDebugMode(mode)
- › getController()
- › includeUDF(udfLibrary)
- › Relocate(url, [addToken])
- › Throw(message, [detail], [type])
- › Dump(var)
- › Abort()
- › Include(template)

#### CONTROLLER COMMON METHODS

- › getAppRootPath()
- › getColdboxOCM()
- › getRequestService()
- › getConfigSettings()
- › getColdboxSettings()
- › getAppHash()
- › getAppStartHandlerFired()
- › getSettingStructure([fwSetting], [DeepCopyFlag])
- › getSetting(name, [fwSetting])
- › settingExists(name, [fwSetting])
- › setSetting(name, value)
- › setNextEvent(event, [queryString], [addToken], [persist])
- › setNextRoute(route, [persist])
- › runEvent(event)
- › Throw()
- › getUtil()

#### COLDBOX CACHE COMMON METHODS

♦ All timeouts are in minutes

- › Lookup(objectKey)
- › Get(objectKey)
- › Set(objectKey, MyObject, [Timeout], [LastAccessTimeout])
- › clearKey(objectKey)
- › clearEvent(eventSnippet, [queryString], [async])
- › clearAllEvents([async])
- › clearAllView([async])
- › getSize()
- › Getpool\_metadata()
- › getItemTypes()
- › Reap()
- › LFUEviction()
- › LRUEviction()
- › expireAll()
- › expireKey(objectKey)
- › getCacheStats()

#### CUSTOM PLUGIN METHODS

- › Init()
- › getPluginPath

#### CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

- › pluginName
- › pluginDescription
- › pluginVersion

#### CORE INTERCEPTORS

- › environmentControl
- › executionTracer
- › ses

#### APPLICATION STRUCTURE

- ⇒ config
- ⇒ handlers
- ⇒ interceptors
- ⇒ layouts
- ⇒ logs
- ⇒ model
- ⇒ plugins
- ⇒ views
- ♦ Application.cfc
- ♦ Index.cfm
- ♦ coldboxproxy.cfc

#### URL ACTIONS (INDEX.CFM?)

- › fwreinit=1
- › fwreinit={reinitPassword}
- › debugmode=true
- › debugpass={DebugPass}
- › fwcache=anything
- › dumpvar=varlist
- › debugpanel={panel}

#### DEFAULT SES ROUTES

- › :handler/:action/:id
- › :handler/:action
- › :handler

#### IMPLICIT EVENTS

- › preHandler
- › postHandler

#### RESERVED PROPERTIES

- › controller = ColdBox
- › instance = structure
- › instance.\_\_hash

#### INTERCEPTOR METHODS

- › Configure()
- › getProperties(properties)
- › setProperties()
- › getProperty(name)
- › setProperty(name, value)
- › propertyExists(name)

#### INTERCEPTION POINTS

- › afterConfigurationLoad, afterAspectsLoad
- › sessionStart, SessionEnd
- › preProcess, postProcess
- › preEvent, postEvent
- › preRender, postRender
- › afterCacheElementInsert
- › afterCacheElementRemoved

#### REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

- › getCollection()
- › collectionAppend(collection, [overwrite])
- › Throw(message, [detail], [type])
- › getValue(name, [default])
- › setValue(name, value)
- › removeValue(name)
- › valueExists(name)
- › paramValue(name, value)
- › setView(view, [noLayout], [cache], [cacheTimeout], [LastAccessTimeout])

- › getCurrentView()
- › getCurrentLayout()
- › setLayout()
- › getCurrentEvent()
- › getCurrentHandler()
- › getCurrentAction()
- › overrideEvent(event)
- › showDebugPanel(boolean)
- › getDebugPanelFlag()
- › isProxyRequest()

- › NoRender([remove])
- › getEventName()
- › getSelf()
- › getDefaultLayout()
- › getDefaultView()
- › getViewLayouts()
- › getFolderLayouts()
- › getSize()



## CACHE CONFIG ELEMENTS

- › **ObjectDefaultTimeout** = Minutes
- › **ObjectDefaultLastAccessTimeout** = Minutes
- › **UseLastAccessTimeouts** = Boolean
- › **MaxObject** = Integer (0 = Unlimited)
- › **ReapFrequency** = Minutes
- › **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- › **EvictionPolicy** = LFU or LRU

## CONFIG SETTINGS

- › AppMapping
- › **Appname**
- › ApplicationStartHandler
- › CustomErrorTemplate
- › CustomEmailBugReport
- › ColdboxLogsLocation
- › ConfigAutoReload
- › DebugMode
- › DebugPassword
- › **DefaultEvent**
- › EventName
- › ExceptionHandler
- › EnableBugReports
- › EnableColdfusionLogging
- › EnableDumpVar
- › EnableColdboxLogging
- › EventCaching
- › HandlersIndexAutoReload
- › HandlersExternalLocation
- › HandlerCaching
- › IOCFramework
- › IOCDefinitionFile
- › IOCObjectCaching
- › MessageBoxStyleOverride
- › MyPluginsLocation
- › onInvalidEvent
- › **OwnerEmail**
- › ProxyReturnCollection
- › RequestStartHandler
- › RequestEndHandler
- › RequestContextDecorator
- › ReinitPassword
- › SessionStartHandler
- › SessionEndHandler
- › UDFLibraryFile

\* **BOLD** = Required

## CONFIG ELEMENTS

- › YourSettings
  - › Setting @name @value
- › MailServerSettings
- › BugTracerReports>BugEmail
- › DevEnvironments>url
- › WebServices>WebService
  - › @name, @URL, @devURL
- › Layouts
  - › DefaultLayout
  - › DefaultView
  - › Layout @name @file
    - › View
    - › Folder
- › l18n
  - › DefaultResourceBundle
  - › DefaultLocale
  - › LocaleStorage
- › Datasource>Datasource
  - › @alias, @name, @dbtype, @username, @password
- › Interceptors
  - › CustomInterceptionPoints
  - › Interceptor @class
    - › Property @name

## IOC FRAMEWORKS

- › Coldspring
- › LightWire

## APPLICATION,SESSION,CLIENT STORAGE PLUGINS

- › **setVar**(name, value)
- › **getVar**(name, [default])
- › **deleteVar**(name)
- › **exists**(name)

## COOKIESTORAGE PLUGIN

- › **setVar**(name, value, [expires=1])
- › Plus all the above methods

## BEANFACTORY PLUGIN

- › **Create**(bean, [callInitFlag=false])
- › **populateBean**(FormBean)

## WEBSERVICES PLUGIN

- › **getWS**(name)
- › **getWSObj**(name)
- › **refreshWS**(webservice)

## IOC PLUGIN

- › **configure**()
- › **reloadDefinitionFile**()
- › **getBean**(beanName)
- › **getIOCFactory**()
- › **getIOCFramework**()
- › **getIOCDefinitionFile**()
- › **getExpandedIOCDefinitionFile**()

## JAVALOADER PLUGIN

- › **setup**(loadPaths, [loadColdfusionClassPath=false], [parentClassLoader=])
- › **create**(className)
- › **getURLClassLoader**()
- › **getVersion**()

## MESSAGEBOX PLUGIN

- › **getStorageScope**()
- › **setMessage**(type,message)
- › **getMessage**()
- › **clearMessage**()
- › **isEmpty**()
- › **renderIt**()

## LOGGER & MTLOGGER PLUGIN

- › **Tracer**(message, [extraInfo])
- › **logErrorWithBean**(exceptionBean)
- › **logError**(Message, [ExceptionStruct], [ExtraInfo])
- › **logEntry**(Severity,Message,[ExtraInfo])
- › **initLogLocation**([firstRunFlag])
- › **removeLogFile**()
- › **setLogFileName**(filename), **getLogFileName**()
- › **setLogFullPath**(logFullPath(), **getLogFullPath**())
- › **getValidSeverities**()

## QUERYHELPER PLUGIN

- › **filterQuery**(qry,field,value,cfsqltype)
- › **sortQuery**(qry,sortBy,sortOrder)
- › **getColumnArray**(qry,columnName)
- › **getCountDistinct**(qry,columnName)
- › **getRowNumber**(qry,columnValue,ColumnName)
- › **doInnerJoin**(qryLeft,qryRight,LeftJoinColumn,RightJoinColumn,OrderByElement)
- › **doQueryAppend**(qryFrom,qryTo)

## RENDERER PLUGIN

- › **purveView**(view)
- › **renderView**([view])
- › **renderExternalView**(view)
- › **renderLayout**()

## TIMER PLUGIN

- › **Start**(label)
- › **Stop**(label)
- › **logTime**(label, tickcount)
- › **getTimerScope**()

## STRINGBUFFER PLUGIN

- › **subString**(startPos,endPos)
- › **Delete**(startPos,endPost)
- › **insertStr**(offset,inStr)
- › **replaceStr**(startPos,endPos,inStr)
- › **indexOf**(inStr,fromPos)
- › **lasIndexOf**(inStr,fromPos)
- › **setLength**(newLength)
- › **Setup**(strIn,BufferLen)
- › **reverseStr**()
- › **Append**(strIn)
- › **Length**()
- › **Capacity**()
- › **getString**()
- › **getStringBuffer**()

## CFC VIEWER

- › **Setup**(dirpath,cfcpath,[accessTypeFilter])
- › **getCFCMetadata**(cfcName)
- › **getCFCs**()
- › **getPKGs**()
- › **Render**()

## UTILITIES PLUGIN

- › **isCFUUID**(inStr)
- › **isEmail**(str)
- › **isURL**(str)
- › **Sleeper**(milliseconds)
- › **createArray**(str)
- › **createStruct**(str)
- › **getOSFileSeparator**()
- › **getOSPathSeparator**()
- › **getOSName**()
- › **getInetHost**()
- › **checkCharSet**(charset)
- › **getIPAddress**()
- › **getJavaRuntime**()
- › **getJavaVersion**()
- › **getJVMFreeMemory**()
- › **getJVMTotalMemory**()
- › **FileLastModified**(filename)
- › **ripExtension**(filename)
- › **createFile**(filename)
- › **FileCanWrite**(filename)
- › **FileCanRead**(filename)
- › **isFile**(filename)
- › **appendFile**(file,contents,[charset],[checkCharSet])
- › **FileSize**(filename,sizeFormat)
- › **readFile**(file,[binary],[charset],[checkCharSet])
- › **saveFile**(file,contents,[charset],[checkCharSet])
- › **removeFile**(filename)
- › **isDirectory**(filename)
- › **getAbsolutePath**(path)